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DATE MAILED: December 9, 2002	FILING DATE August 7, 2002	GROUP Unknown



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
	A1						
	A2						
	A3						
	A4						
	A5						

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
NH	B1	0 0 4 8 3 3 2	08/17/00	PCT	Telefonaktiebolaget, et al.		
NH	B2	0 9 0 1 2 3 9	03/10/99	EPO	NEC Corporation		

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

NH	C1	Shen, Q., et al., "The Linear Prediction Method of Fading Channel Estimation for the Rake Receiver with Impulsive Interference" WIRELESS PERSONAL COMMUNICATIONS, KLUWER ACADEMIC PUBLISHERS, NL. Vol. 6:3. Pgs. 233-248 (1998).
NH	C2	Hyuk, Jun, et al., "An Adaptive Channel Estimation Scheme for DS-CDMA Systems" VTC 2000 (1998) IEEE Vol 6, Conf. 52 (2000).
NH	C3	Abeta, et al., "Adaptive Channel Estimation for Coherent DS-CDMA Mobile Radio Using time-Multiplexed Pilot and Parallel Pilot Structures: IEICE TRANSACTIONS ON COMMUNICATIONS Vol. E.82.B No. 9:1505-1513 (1999).

EXAMINER Nani Hoque	DATE CONSIDERED 08/31/2005
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	